CHAPTER 5. CATALOG CURRENT AND PLANNED ATIS DEPLOYMENTS IN NC

5.1 Statewide ITS Strategic Deployment Plan

The NCDOT has developed the Statewide ITS Strategic Deployment plan (http://www.ncdot.org/doh/operations/dp_chief_eng/its/strategic/plandocuments.html). The purpose of this plan is to enable a structured implementation of ITS projects by addressing the short-term and long-term transportation needs of the state.

NCDOT defined 10 ITS regions according to the ITS needs for North Carolina. Figure 5.1 highlights the 10 ITS regions of NC: Asheville, Eastern (Coastal Rural), Fayetteville, Metrolina, Piedmont, Triad, Triangle, Western (Mountains Rural), Wilmington, and the I-95 Corridor. All these ITS regions except for the I-95 Corridor have their own regional ITS plan. All of the regional plans will be combined to develop a Statewide ITS Deployment Plan that will guide each of the agencies involved as well as the NCDOT in the deployment of ITS in the coming years. The I-95 Corridor will be included in the Statewide Report in the interstate system. All nine regional ITS plan reports are open to public through the NCDOT website.

These regional ITS reports have similar contents. These reports lay out a vision for the development of the regional ITS. The development process of each region follows the requirements and direction of the National ITS Architecture (NIA), a framework that describes ITS components by their functionality and defines how these components are to work together as a system. Each regional report includes a regional overview, description of existing ITS, transportation needs or issues, recommended projects and technologies (short-term projects and long-term projects), and project summary (project outline and expected costs).

Existing ATIS deployments are summarized in Table 5-1. Metrolina, Triad and Triangle have been providing traveler information through various ATIS option and have a TMC